M 33E(86)-1

CURRENT INDUSTRIAL REPORTS

Nonferrous Castings

U.S. Department of Commerce
BUREAU OF THE CENSUS

JANUARY 1986

M33E(86)-1
Issued April 1986

The statistics in this publication are based on a probability sample of producers of nonferrous castings and represent total U.S. shipments of nonferrous castings. Estimates are included for companies whose reports were not received in time for tabulation. A description of the survey methodology and related information appears on page 3.

Table 1. SUMMARY OF PRODUCERS' SHIPMENTS OF NONFERROUS CASTINGS: 1986 AND 1985

(Thousands of pounds)

Month and year	Total	By type of customer		By metal				
		For sale	For own use	Copper and copper-base alloy	Aluminum and aluminum-base alloy	Zinc and zinc-base alloy	Magnesium and magnesium-base alloy	Lead and lead-base alloy
1986								
January	331,115	195,169	135,946	45,422	200,499	76,787	3,271	5,136
1985								
Total	3,534,340	2,200,350	1,333,990	540,436	2,211,617	688,671	35,196	58,420
December	277,073	163,315	113,758	38,055	163,159	68,184	3,102	4,573
November	279,941	165,005	114,936	39,032	173,069	60,580	2,803	4,457
October	325,186	200,343	124,843	50,806	199,224	65,526	3,812	5,818
September	282,293	180,355	101,938	44,864	177,510	50,566	3,532	5,821
August	294,550	185,703	108,847	43,696	183,286	57,953	2,801	6,814
July	247,666	166,139	81,527	39,475	156,876	43,877	2,508	4,930
June	302,833	178,310	124,523	46,101	185,534	63,325	2,916	4,957
May	311,479	187,632	123,847	50,707	194,729	59,709	2,377	3,957
April	310,753	187,764	122,989	50,186	193,395	60,159	2,615	4,398
March	316,079	199,064	117,015	47,934	196,229	64,404	3,101	4,411
February	281,569	186,724	94,845	44,314	186,298	44,062	2,834	4,061
January	304,918	199,996	104,922	45,266	202,308	50,326	2,795	4,223

Note: Data for 1985 have been revised significantly from previously published data. These revisions are due to benchmarking to the revised 1984 data shown in the summary for 1984 issued in February 1986.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Don Burgess, (301) 763-7492.

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Table 2. SHIPMENTS OF NONFERROUS CASTINGS, BY TYPE OF CASTING

(Thousands of pounds)

Product code	Product description	January 1986	December 1985
33600 00	Nonferrous castings[1]	331,115	277,073
	For sale	195,169	163,315
	For own use	135,946	113,758
33620 00	Copper and copper-base alloy[2]	45,422	38,055
	For sale	45,422	38,055
	For own use		
33620 26	Sand	25,619	22,225
	For sale	13,597	11,854
	For own use	12,022	10,371
33620 31	Permanent and semi-permanent mold	2,386	1,813
	For sale	1,049	911
	For own use	1,337	902
33620 42	Die	834	725
	For sale	834	725
	For own use		
33620 50	Centrifugal		
	For sale		
	For own use	16,583	13,292
33620 61	All other		
	For sale		
	For own use		
33610 00	Aluminum and aluminum-base alloy[2]	200,499	163,159
	For sale	200,499	163,159
	For own use		
33612 11	Sand	27,342	21,228
	For sale	25,835	19,932
	For own use	1,507	1,296
33612 31	Permanent and semi-permanent mold	29,251	22,958
	For sale	20,253	15,719
	For own use	8,998	7,239
33611 00	Die	134,355	110,915
	For sale	83,712	69,500
	For own use	50,643	41,415
33612 61	All other	9,551	8,058
	For sale	9,551	8,058
	For own use		
33691 00	Zinc and zinc-base alloy[2]	76,787	68,184
	For sale	76,787	68,184
	For own use		
33691 51	Die	76,411	67,705
	For sale	23,333	17,672
	For own use	53,078	50,033
33691 61	All other	376	479
	For sale	376	479
	For own use		
33692 00	Magnesium and magnesium-base alloy[2]	3,271	3,102
	For sale	3,271	3,102
	For own use		
33692 11	Sand	865	820
33692 21	Permanent mold (except cast anodes)		
33692 33	Cast anodes		
33692 31	Die	2,406	2,282
33692 41	All other		
33693 71	Lead and lead-base alloy die[2]	5,136	4,573
	For sale	5,136	4,573
	For own use		

[1] Comparable data for Schedule B export numbers and TSUSA import numbers are not available.
[2] Shipments of castings for sale and own use are combined to avoid disclosing figures for individual companies.

DESCRIPTION OF SURVEY

Scope of Survey. This survey covers producers of nonferrous castings, whether for commercial sale or for use by the producing company.

Survey Methodology. The annual survey panel was first mailed for survey year 1984 and consisted of about 550 establishments selected from a universe of approximately 2,500 producers identified in the 1982 Census of Manufacturers. The annual panel was selected as a cutoff sample representing 85 percent of the industry. In order to represent the universe, the annual is weighted. The monthly panel was selected on a probability basis where establishment probabilities were assigned proportionate to its size. Survey estimates are formed by weighting each sample establishment's data by the reciprocal of its probability of selection and by summing these weighted values over all establishments.

The 1984 annual numbers presented in this report can be considered as a continuation of the revised annual series generated by the benchmarking operation. The original monthly values for 1985, however, have been modified so that the revised monthly values add to the 1984 annual result. The revision preserved the month-to-month movement of the original numbers. However, because previously the monthly series has never undergone modification, the 1983 and 1984 published monthly results can be regarded as a break in the historical time series.

Survey Error. Figures for the current month may include estimates for panel members for which reports were not received in time for tabulation. Such missing figures are "imputed" based on month-to-month movements shown by reporting firms. Imputation generally is limited to a maximum of 25 percent for any one data cell. Figures with imputation rates greater than 25 percent are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse because the actual monthly movements for nonrespondents may or may not closely agree with the imputed movements. The range of difference between the actual and imputed figures is not precisely known, but is assumed to be small. The degree of uncertainty regarding the accuracy of the published data, however, increases as the percentage of imputation increases. Figures with imputation rates above 25 percent should be used with caution.

Revisions to Previous Period Data. Statistics for previous months may be revised as the result of corrected data from respondents, including the receipt of late reports for which imputations were made as described above. Figures which have been revised by more than 5 percent from previously published figures are indicated by footnotes.

Reporting Period Adjustment. The data are adjusted for the number of working days in the reporting period to compensate for differences in individual company reporting patterns, i.e., calendar month, 4-week, 5-week periods. Since the calendar month accounting system prevails in this industry, adjustments have been made to those reporting on other than a calendar month basis.

EXPLANATION OF TERMS

Shipments for Sale—Represents commercial sales only (castings shipped to the trade). Intra-company sales are not included in this category.

Shipments for Own Use—Represents castings shipped for use by the reporting company or by a subsidiary, parent, or other affiliated company. Castings produced and consumed at the same location in the production of finished products are also included.

Sand Casting—Castings produced by pouring molten metal into a sand mold and allowing it to solidify.

Permanent Mold Casting—Casting produced by introducing molten metal by gravity, or low pressure into a mold constructed of durable material, usually iron or steel, and allowing it to solidify. *Semipermanent* mold castings are made using an expendable core, such as sand.

Die Casting—Casting produced by introducing molten metal under high pressure into a metal mold or die and allowing it to solidify.

Centrifugal Casting—Castings produced by pouring molten metal into a spinning mold. Centrifugal force acts to distribute the metal uniformly around the interior of the mold.

Continuous Casting—Castings produced by introducing molten metal by gravity into a water cooled graphite die from which the solidified form is continuously drawn.

RELATED REPORTS

An annual Current Industrial Report also is published in this series. The annual report summarizes monthly figures and incorporates known revisions for both the current and previous years. It also provides a single reference copy to replace the monthly publications.

The Bureau of the Census publishes the following related reports:

Series	Frequency	Title
Current Industrial Reports		
M33A	Monthly	*Iron and Steel Castings*
M33-2	Monthly	*Aluminum Ingot and Mill Products*
MA33G	Annually	*Magnesium Mill Products*

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Series	Frequency	Title
ITA991	Quarterly	*Titanium Ingot, Mill Products, and Castings*
ITA9008	Quarterly	*Copper Controlled Materials*
Other Industry Reports		
M3-1	Monthly	*Manufacturers' Shipments, Inventories, and Orders*
(AS)	Annually	Annual Survey of Manufactures (ASM)
'MC)	Quinquennially	Census of Manufactures
Foreign Trade Reports		
EM 546	Monthly	*U.S. Exports*
IM 145-X	Monthly	*U.S. Imports for Consumption and General Imports*

CONTACTS FOR DATA USERS

Subject Area	Contact	Phone Number
Current Industrial Report M33E	Don Burgess	(301) 763-7492
Manufacturers' Shipments, Inventories, and Orders	Ruth Runyan	(301) 763-2502
Census/ASM	Dale Gordon	(301) 763-7304
Foreign Trade publication	Joyce Ware	(301) 763-5140
International Trade Administration	Robert Reiley	(202) 377-0575
To order a Census Bureau publication	Customer Services (DUSD)	(301) 763-4100

M 33 E(86-2

CURRENT INDUSTRIAL REPORTS

Nonferrous Castings

U.S. Department of Commerce
BUREAU OF THE CENSUS

FEBRUARY 1986

M33E(86)-2
Issued May 1986

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Table 1. SUMMARY OF PRODUCERS' SHIPMENTS OF NONFERROUS CASTINGS: 1986 AND 1985

(Thousands of pounds)

Month and year	Total	By type of customer		By metal				
		For sale	For own use	Copper and copper-base alloy	Aluminum and aluminum-base alloy	Zinc and zinc-base alloy	Magnesium and magnesium-base alloy	Lead and lead-base alloy
1986								
February	313,895	185,019	128,876	45,616	182,571	78,071	3,670	3,967
January	331,115	195,169	135,946	45,422	200,499	76,787	3,271	5,136
1985								
Total	3,534,340	2,200,350	1,333,990	540,436	2,211,617	688,671	35,196	58,420
December	277,073	163,315	113,758	38,055	163,159	68,184	3,102	4,573
November	279,941	165,005	114,936	39,032	173,069	60,580	2,803	4,457
October	325,186	200,343	124,843	50,806	199,224	65,526	3,812	5,818
September	282,293	180,355	101,938	44,864	177,510	50,566	3,532	5,821
August	294,550	185,703	108,847	43,696	183,286	57,953	2,801	6,814
July	247,666	166,139	81,527	39,475	156,876	43,877	2,508	4,930
June	302,833	178,310	124,523	46,101	185,534	63,325	2,916	4,957
May	311,479	187,632	123,847	50,707	194,729	59,709	2,377	3,957
April	310,753	187,764	122,989	50,186	193,395	60,159	2,615	4,398
March	316,079	199,064	117,015	47,934	196,229	64,404	3,101	4,411
February	281,569	186,724	94,845	44,314	186,298	44,062	2,834	4,061

Note: Data for 1985 have been revised significantly from previously published data. These revisions are due to benchmarking to the revised 1984 data shown in the summary for 1984 issued in February 1986.

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Table 2. SHIPMENTS OF NONFERROUS CASTINGS, BY TYPE OF CASTING

(Thousands of pounds)

Product code	Product description	February 1986	January 1986
33600 00	Nonferrous castings[1]	313,895	331,115
	For sale	185,019	195,169
	For own use	128,876	135,946
33620 00	Copper and copper-base alloy[2]	45,616	45,422
	For sale	45,616	45,422
	For own use		
33620 26	Sand	26,065	25,619
	For sale	14,029	13,597
	For own use	12,036	12,022
33620 31	Permanent and semi-permanent mold	2,472	2,386
	For sale	1,135	1,049
	For own use	1,337	1,337
33620 42	Die	902	834
	For sale	902	834
	For own use		
33620 50	Centrifugal		
	For sale		
	For own use		
33620 61	All other	16,177	16,583
	For sale		
	For own use		
33610 00	Aluminum and aluminum-base alloy[2]	182,571	200,499
	For sale	182,571	200,499
	For own use		
33612 11	Sand	24,536	27,342
	For sale	23,008	25,835
	For own use	1,528	1,507
33612 31	Permanent and semi-permanent mold	27,453	29,251
	For sale	20,920	20,253
	For own use	6,533	8,998
33611 00	Die	122,653	134,355
	For sale	77,737	83,712
	For own use	44,916	50,643
33612 61	All other	7,929	9,551
	For sale	7,929	9,551
	For own use		
33691 00	Zinc and zinc-base alloy[2]	78,071	76,787
	For sale	78,071	76,787
	For own use		
33691 51	Die	77,763	76,411
	For sale	21,074	23,333
	For own use	56,689	53,078
33691 61	All other	308	376
	For sale	308	376
	For own use		
33692 00	Magnesium and magnesium-base alloy[2]	3,670	3,271
	For sale	3,670	3,271
	For own use		
33692 11	Sand	971	865
33692 21	Permanent mold (except cast anodes)		
33692 33	Cast anodes	2,699	2,406
33692 31	Die		
33692 41	All other		
33693 71	Lead and lead-base alloy die[2]	3,967	5,136
	For sale	3,967	5,136
	For own use		

[1] Comparable data for Schedule B export numbers and TSUSA import numbers are not available.
[2] Shipments of castings for sale and own use are combined to avoid disclosing figures for individual companies.

M 33 E(86)-3

CURRENT INDUSTRIAL REPORTS

Nonferrous Castings

U.S. Department of Commerce
BUREAU OF THE CENSUS

MARCH 1986
M33E(86)-3
Issued May 1986

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Table 1. SUMMARY OF PRODUCERS' SHIPMENTS OF NONFERROUS CASTINGS: 1986 AND 1985

(Thousands of pounds)

Month and year	Total	By type of customer		By metal				
		For sale	For own use	Copper and copper-base alloy	Aluminum and aluminum-base alloy	Zinc and zinc-base alloy	Magnesium and magnesium-base alloy	Lead and lead-base alloy
1986								
March	307,694	181,364	126,330	46,626	179,377	72,835	4,321	4,535
February	313,895	185,019	128,876	45,616	182,571	78,071	3,670	3,967
January	331,115	195,169	135,946	45,422	200,499	76,787	3,271	5,136
1985								
Total	3,534,340	2,200,350	1,333,990	540,436	2,211,617	688,671	35,196	58,420
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Table 2. SHIPMENTS OF NONFERROUS CASTINGS, BY TYPE OF CASTING

(Thousands of pounds)

Product code	Product description	March 1986	February 1986
33600 00	Nonferrous castings[1]	307,694	313,895
	For sale	181,364	185,019
	For own use	126,330	128,876
33620 00	Copper and copper-base alloy[2]	46,626	45,616
	For sale		
	For own use	46,626	45,616
33620 26	Sand	26,162	26,065
	For sale	14,465	14,029
	For own use	11,697	12,036
33620 31	Permanent and semi-permanent mold	2,027	2,472
	For sale	722	1,135
	For own use	1,305	1,337
33620 42	Die	574	902
	For sale		
	For own use	574	902
33620 50	Centrifugal		
	For sale		
	For own use		
33620 61	All other	17,863	16,177
	For sale		
	For own use		
33610 00	Aluminum and aluminum-base alloy[2]	179,377	182,571
	For sale		
	For own use	179,377	182,571
33612 11	Sand	25,411	24,536
	For sale	23,806	23,008
	For own use	1,605	1,528
33612 31	Permanent and semi-permanent mold	29,063	27,453
	For sale	22,641	20,920
	For own use	6,422	6,533
33611 00	Die	117,811	122,653
	For sale	74,289	77,737
	For own use	43,522	44,916
33612 61	All other	7,092	7,929
	For sale		
	For own use	7,092	7,929
33691 00	Zinc and zinc-base alloy[2]	72,835	78,071
	For sale		
	For own use	72,835	78,071
33691 51	Die	72,527	77,763
	For sale	22,076	21,074
	For own use	50,451	56,689
33691 61	All other	308	308
	For sale		
	For own use	308	308
33692 00	Magnesium and magnesium-base alloy[2]	4,321	3,670
	For sale		
	For own use	4,321	3,670
33692 11	Sand	1,143	971
33692 21	Permanent mold (except cast anodes)		
33692 33	Cast anodes		
33692 31	Die	3,178	2,699
33692 41	All other		
33693 71	Lead and lead-base alloy die[2]	4,535	3,967
	For sale		
	For own use	4,535	3,967

[1] Comparable data for Schedule B export numbers and TSUSA import numbers are not available.
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M 33E (86)-4

CURRENT INDUSTRIAL REPORTS

Nonferrous Castings

U.S. Department of Commerce
BUREAU OF THE CENSUS

APRIL 1986

M33E(86)-4
Issued June 1986

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Table 1. SUMMARY OF PRODUCERS' SHIPMENTS OF NONFERROUS CASTINGS: 1986 AND 1985

(Thousands of pounds)

Month and year	Total	By type of customer		By metal				
		For sale	For own use	Copper and copper-base alloy	Aluminum and aluminum-base alloy	Zinc and zinc-base alloy	Magnesium and magnesium-base alloy	Lead and lead-base alloy
1986								
April	318,486	187,725	130,761	49,298	184,325	75,801	4,723	4,339
March	307,694	181,364	126,330	46,626	179,377	72,835	4,321	4,535
February	313,895	185,019	128,876	45,616	182,571	78,071	3,670	3,967
January	331,115	195,169	135,946	45,422	200,499	76,787	3,271	5,136
1985								
Total	3,534,340	2,200,350	1,333,990	540,436	2,211,617	688,671	35,196	58,420
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April	310,753	187,764	122,989	50,186	193,395	60,159	2,615	4,398

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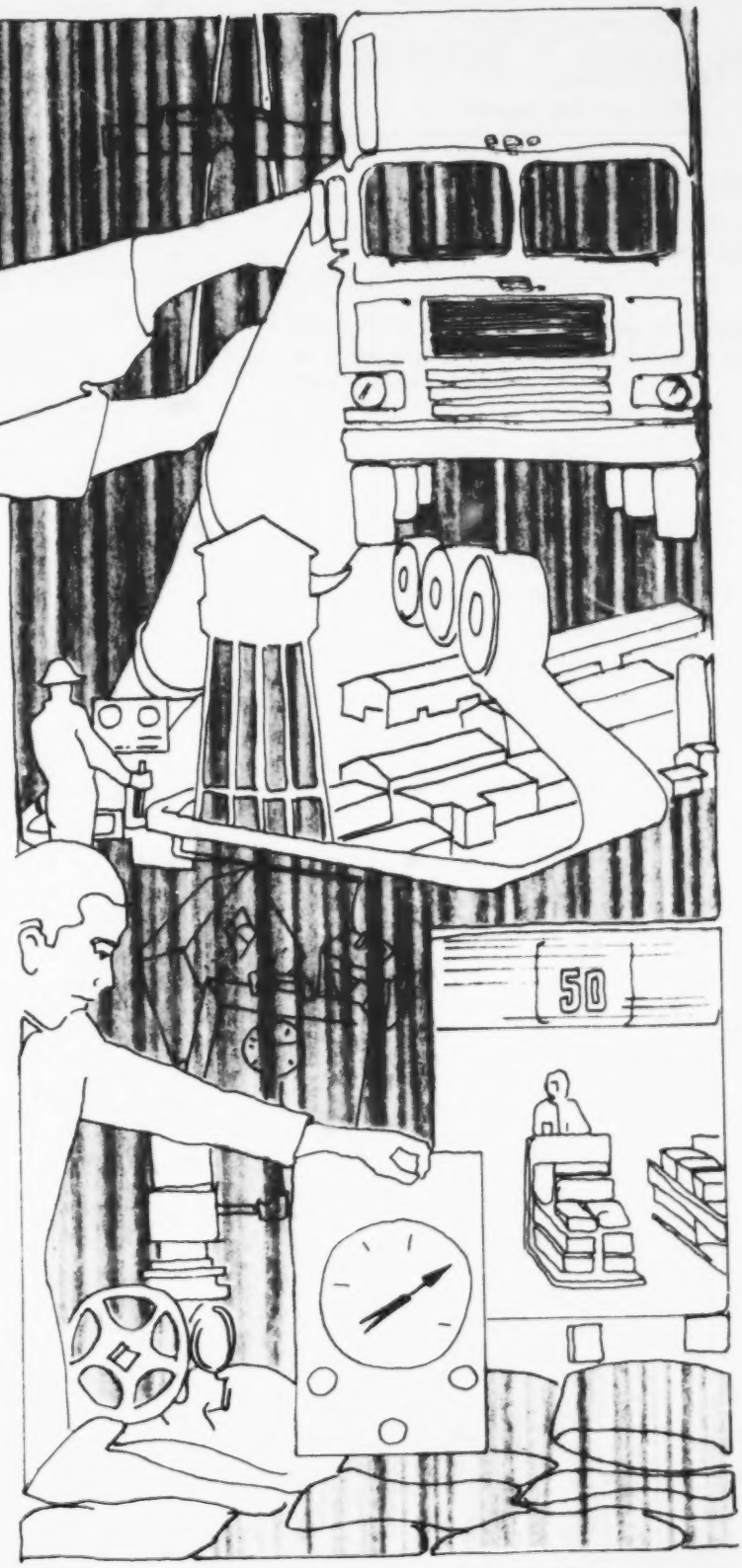
Table 2. SHIPMENTS OF NONFERROUS CASTINGS, BY TYPE OF CASTING

(Thousands of pounds)

Product code	Product description	April 1986	March 1986
33600 00	Nonferrous castings[1]	318,486	307,694
	For sale	187,725	181,364
	For own use	130,761	126,330
33620 00	Copper and copper-base alloy[2]	49,298	46,626
	For sale	49,298	46,626
	For own use		
33620 26	Sand	29,056	26,162
	For sale	16,124	14,465
	For own use	12,932	11,697
33620 31	Permanent and semi-permanent mold	2,604	2,027
	For sale	1,289	722
	For own use	1,315	1,305
33620 42	Die	1,025	574
	For sale	1,025	574
	For own use		
33620 50	Centrifugal	16,613	17,863
	For sale		
	For own use		
33620 61	All other		
	For sale		
	For own use		
33610 00	Aluminum and aluminum-base alloy[2]	184,325	179,377
	For sale	184,325	179,377
	For own use		
33612 11	Sand	25,433	25,411
	For sale	23,789	23,806
	For own use	1,644	1,605
33612 31	Permanent and semi-permanent mold	29,102	29,063
	For sale	22,545	22,641
	For own use	6,557	6,422
33611 00	Die	122,567	117,811
	For sale	78,422	74,289
	For own use	44,145	43,522
33612 61	All other	7,223	7,092
	For sale	7,223	7,092
	For own use		
33691 00	Zinc and zinc-base alloy[2]	75,801	72,835
	For sale	75,801	72,835
	For own use		
33691 51	Die	75,527	72,527
	For sale	23,475	22,076
	For own use	52,052	50,451
33691 61	All other	274	308
	For sale	274	308
	For own use		
33692 00	Magnesium and magnesium-base alloy[2]	4,723	4,321
	For sale	4,723	4,321
	For own use		
33692 11	Sand	1,249	1,143
33692 21	Permanent mold (except cast anodes)		
33692 33	Cast anodes	3,474	3,178
33692 31	Die		
33692 41	All other		
33693 71	Lead and lead-base alloy die[2]	4,339	4,535
	For sale	4,339	4,535
	For own use		

[1] Comparable data for Schedule B export numbers and TSUSA import numbers are not available.
[2] Shipments of castings for sale and own use are combined to avoid disclosing figures for individual companies.

Current Industrial Reports



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M33E(86)-5

CURRENT INDUSTRIAL REPORTS

Nonferrous Castings

U.S. Department of Commerce
BUREAU OF THE CENSUS

MAY 1986
M33E(86)-5
Issued July 1986

The statistics in this publication are based on a probability sample of producers of nonferrous castings and represent total U.S. shipments of nonferrous castings. Estimates are included for companies whose reports were not received in time for tabulation. A description of the survey methodology and related information may be found in the January 1986 report for this series, M33E(86)-1, issued April 1986.

Table 1. SUMMARY OF PRODUCERS' SHIPMENTS OF NONFERROUS CASTINGS: 1986 AND 1985

(Thousands of pounds)

Month and year	Total	By type of customer		By metal				
		For sale	For own use	Copper and copper-base alloy	Aluminum and aluminum-base alloy	Zinc and zinc-base alloy	Magnesium and magnesium-base alloy	Lead and lead-base alloy
1986								
May	311,435	183,569	127,866	48,585	172,848	81,173	4,103	4,726
April	318,486	187,725	130,761	49,298	184,325	75,801	4,723	4,339
March	307,694	181,364	126,330	46,626	179,377	72,835	4,321	4,535
February	313,835	185,019	128,876	45,616	182,571	78,071	3,670	3,967
January	331,115	195,169	135,946	45,422	200,499	76,787	3,271	5,136
1985								
Total	3,534,340	2,200,350	1,333,990	540,436	2,211,617	688,671	35,196	58,420
December	277,073	163,315	113,758	38,055	163,159	68,184	3,102	4,573
November	279,941	165,005	114,936	39,032	173,069	60,580	2,803	4,457
October	325,186	200,343	124,843	50,806	199,224	65,526	3,812	5,818
September	282,293	180,355	101,938	44,864	177,510	50,566	3,532	5,821
August	294,550	185,703	108,847	43,696	183,286	57,953	2,801	6,814
July	247,666	166,139	81,527	39,475	156,876	43,877	2,508	4,930
June	302,833	178,310	124,523	46,101	185,534	63,325	2,916	4,957
May	311,479	187,632	123,847	50,707	194,729	59,709	2,377	3,957

Note: Data for 1985 have been revised significantly from previously published data. These revisions are due to benchmarking to the revised 1984 data shown in the summary for 1984 issued in February 1986.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Don Burgess, (301) 763-7492.
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Table 2. SHIPMENTS OF NONFERROUS CASTINGS, BY TYPE OF CASTING

(Thousands of pounds)

Product code	Product description	May 1986	April 1986
33600 00	Nonferrous castings[1]	311,435	318,486
	For sale	183,569	187,725
	For own use	127,866	130,761
33620 00	Copper and copper-base alloy[2]	48,585	49,298
	For sale	48,585	49,298
	For own use		
33620 26	Sand	27,608	29,056
	For sale	15,641	16,124
	For own use	11,967	12,932
33620 31	Permanent and semi-permanent mold	2,615	2,604
	For sale	1,342	1,289
	For own use	1,273	1,315
33620 42	Die	1,067	1,025
	For sale	1,067	1,025
	For own use		
33620 50	Centrifugal		
	For sale		
	For own use		
33620 61	All other	17,295	16,613
	For sale		
	For own use		
33610 00	Aluminum and aluminum-base alloy[2]	172,848	184,325
	For sale	172,848	184,325
	For own use		
33612 11	Sand	23,901	25,433
	For sale	22,301	23,789
	For own use	1,600	1,644
33612 31	Permanent and semi-permanent mold	29,001	29,102
	For sale	22,621	22,545
	For own use	6,380	6,557
33611 00	Die	112,918	122,567
	For sale	74,178	78,422
	For own use	38,740	44,145
33612 61	All other	7,028	7,223
	For sale	7,028	7,223
	For own use		
33691 00	Zinc and zinc-base alloy[2]	81,173	75,801
	For sale	81,173	75,801
	For own use		
33691 51	Die	80,933	75,527
	For sale	23,524	23,475
	For own use	57,409	52,052
33691 61	All other	240	274
	For sale	240	274
	For own use		
33692 00	Magnesium and magnesium-base alloy[2]	4,103	4,723
	For sale	4,103	4,723
	For own use		
33692 11	Sand	1,085	1,249
33692 21	Permanent mold (except cast anodes)		
33692 33	Cast anodes	3,018	3,474
33692 31	Die		
33692 41	All other		
33693 71	Lead and lead-base alloy die[2]	4,726	4,339
	For sale	4,726	4,339
	For own use		

[1] Comparable data for Schedule B export numbers and TSUSA import numbers are not available.
[2] Shipments of castings for sale and own use are combined to avoid disclosing figures for individual companies.

M 33 E(86)-6

CURRENT INDUSTRIAL REPORTS

Nonferrous Castings

U.S. Department of Commerce
BUREAU OF THE CENSUS

JUNE 1986
M33E(86)-6
Issued August 1986

The statistics in this publication are based on a probability sample of producers of nonferrous castings and represent total U.S. shipments of nonferrous castings. Estimates are included for companies whose reports were not received in time for tabulation. A description of the survey methodology and related information may be found in the January 1986 report for this series, M33E(86)-1, issued April 1986.

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Table 1. SUMMARY OF PRODUCERS' SHIPMENTS OF NONFERROUS CASTINGS: 1986 AND 1985

(Thousands of pounds)

Month and year	Total	By type of customer		By metal				
		For sale	For own use	Copper and copper-base alloy	Aluminum and aluminum-base alloy	Zinc and zinc-base alloy	Magnesium and magnesium-base alloy	Lead and lead-base alloy
1986								
June	291,761	171,973	119,788	44,135	165,869	74,381	3,191	4,185
May	311,435	183,569	127,866	48,585	172,848	81,173	4,103	4,726
April	318,486	187,725	130,761	49,298	184,325	75,801	4,723	4,339
March	307,694	181,364	126,330	46,626	179,377	72,835	4,321	4,535
February	313,895	185,019	128,876	45,616	182,571	78,071	3,670	3,967
January	331,115	195,169	135,946	45,422	200,499	76,787	3,271	5,136
1985								
Total	3,534,340	2,200,350	1,333,990	540,436	2,211,617	688,671	35,196	58,420
December	277,073	163,315	113,758	38,055	163,159	68,184	3,102	4,573
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May	311,479	187,632	123,847	50,707	194,729	59,709	2,377	3,957

Note: Data for 1985 have been revised significantly from previously published data. These revisions are due to benchmarking to the revised 1984 data shown in the summary for 1984 issued in February 1986.

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Table 2. SHIPMENTS OF NONFERROUS CASTINGS, BY TYPE OF CASTING

(Thousands of pounds)

Product code	Product description	June 1986	May 1986
33600 00	Nonferrous castings[1]	291,761	311,435
	For sale	191,973	183,569
	For own use	199,788	127,866
33620 00	Copper and copper-base alloy[2]	44,135	48,585
	For sale	44,135	48,585
	For own use		
33620 26	Sand	25,380	27,608
	For sale	13,524	15,641
	For own use	11,856	11,967
33620 31	Permanent and semi-permanent mold	2,683	2,615
	For sale	1,617	1,342
	For own use	1,066	1,273
33620 42	Die	1,285	1,067
	For sale	1,285	1,067
	For own use		
33620 50	Centrifugal		
	For sale		
	For own use	14,787	17,295
33620 61	All other		
	For sale		
	For own use		
33610 00	Aluminum and aluminum-base alloy[2]	165,869	172,848
	For sale	165,869	172,848
	For own use		
33612 11	Sand	23,596	23,901
	For sale	22,222	22,301
	For own use	1,374	1,600
33612 31	Permanent and semi-permanent mold	27,809	29,001
	For sale	20,725	22,621
	For own use	7,084	6,380
33611 00	Die	108,428	112,918
	For sale	71,900	74,178
	For own use	36,528	38,740
33612 61	All other	6,036	7,028
	For sale	6,036	7,028
	For own use		
33691 00	Zinc and zinc-base alloy[2]	74,381	81,173
	For sale	74,381	81,173
	For own use		
33691 51	Die	74,004	80,933
	For sale	20,993	23,524
	For own use	53,011	57,409
33691 61	All other	377	240
	For sale	377	240
	For own use		
33692 00	Magnesium and magnesium-base alloy[2]	3,191	4,103
	For sale	3,191	4,103
	For own use		
33692 11	Sand	844	1,085
33692 21	Permanent mold (except cast anodes)		
33692 33	Cast anodes	2,347	3,018
33692 31	Die		
33692 41	All other		
33693 71	Lead and lead-base alloy die[2]	4,185	4,726
	For sale	4,185	4,726
	For own use		

[1] Comparable data for Schedule B export numbers and TSUSA import numbers are not available.
[2] Shipments of castings for sale and own use are combined to avoid disclosing figures for individual companies.

M 33 E(86)-7

CURRENT INDUSTRIAL REPORTS

Nonferrous Castings

U.S. Department of Commerce
BUREAU OF THE CENSUS

JULY 1986

M33E(86)-7
Issued October 1986

The statistics in this publication are based on a probability sample of producers of nonferrous castings and represent total U.S. shipments of nonferrous castings. Estimates are included for companies whose reports were not received in time for tabulation. A description of the survey methodology and related information may be found in the January 1986 report for this series, M33E(86)-1, issued April 1986.

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Table 1. SUMMARY OF PRODUCERS' SHIPMENTS OF NONFERROUS CASTINGS: 1986 AND 1985

(Thousands of pounds)

Month and year	Total	By type of customer		By metal				
		For sale	For own use	Copper and copper-base alloy	Aluminum and aluminum-base alloy	Zinc and zinc-base alloy	Magnesium and magnesium-base alloy	Lead and lead-base alloy
1986								
July	234,341	143,635	90,706	35,150	152,068	40,667	2,934	3,522
June	279,591	170,002	109,589	40,600	190,607	42,322	2,407	3,655
May	293,780	181,939	111,841	42,332	198,667	45,765	2,942	4,074
April	302,712	187,210	115,502	42,038	210,847	42,758	3,328	3,741
March	291,969	182,107	109,862	39,108	204,809	41,104	3,045	3,903
February	298,089	185,252	112,837	38,806	209,432	43,849	2,587	3,415
January	315,421	195,562	119,859	37,828	227,942	43,152	2,306	4,193
1985								
Total	3,279,747	2,185,127	1,094,620	470,006	2,228,412	510,844	24,858	45,627
December	267,950	179,333	88,617	33,104	190,821	38,104	2,187	3,734
November	283,888	189,736	94,152	33,993	205,145	39,118	1,989	3,643
October	291,571	194,915	96,656	43,801	193,663	46,917	2,682	4,508
September	256,584	173,191	83,393	37,452	172,642	39,497	2,485	4,508
August	263,875	178,538	85,337	36,506	177,950	42,148	1,989	5,282
July	227,223	159,341	67,882	33,075	152,035	36,523	1,765	3,825
June	272,525	174,343	98,182	40,423	181,568	44,646	2,063	3,825
May	285,828	182,826	103,002	44,285	192,240	44,558	1,694	3,051
April	285,263	182,781	102,482	43,503	191,425	45,081	1,839	3,415
March	289,349	195,561	93,788	41,743	191,516	50,488	2,187	3,415
February	266,621	180,373	86,248	40,679	181,578	39,208	2,014	3,142
January	289,070	194,189	94,881	41,442	197,829	44,556	1,964	3,279

Note: Data for 1985 and 1986 have been revised from previously published data. These revisions are due to the statistics originating from the annual data collected on Bureau of the Census form MA33E, Nonferrous Castings, for 1985, issued in August 1986.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Don Burgess, (301) 763-7492.
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Table 2. SHIPMENTS OF NONFERROUS CASTINGS, BY TYPE OF CASTING: JANUARY TO JULY 1986

(Thousands of pounds)

Product code	Product description	January	February	March	April	May	June	July
33600 00	Nonferrous castings	315,421	298,089	291,969	302,712	293,780	279,591	234,341
	For sale	195,562	185,252	182,107	187,210	181,939	170,002	143,635
	For own use	119,859	112,837	109,862	115,502	111,841	109,589	90,706
33620 00	Copper and copper-base alloy	37,828	38,806	39,108	42,038	42,332	40,600	35,150
	For sale	20,792	21,331	22,445	23,737	23,535	21,315	18,454
	For own use	17,036	17,475	16,663	18,301	18,797	19,285	16,696
33620 26	Sand	24,987	25,375	25,388	28,181	26,787	25,053	21,919
	For sale	11,753	12,126	12,502	13,935	13,530	11,917	10,426
	For own use	13,234	13,249	12,886	14,246	13,257	13,136	11,493
33620 31	Permanent and semi-permanent mold[1]	3,026	3,135	2,656	3,412	3,426	3,515	3,220
	For sale	3,026	3,135	2,656	3,412	3,426	3,515	3,220
	For own use							
33620 42	Die	1,137	1,229	901	1,608	1,673	2,014	1,747
	For sale	1,137	1,229	901	1,608	1,673	2,014	1,747
	For own use							
33620 50	Centrifugal[1]	2,449	2,189	2,152	2,190	2,448	2,130	1,847
	For sale	2,449	2,189	2,152	2,190	2,448	2,130	1,847
	For own use							
33620 61	All other[1]	6,229	6,878	8,011	6,647	7,998	7,888	6,417
	For sale	6,229	6,878	8,011	6,647	7,998	7,888	6,417
	For own use							
33610 00	Aluminum and aluminum-base alloy	227,942	209,432	204,809	210,847	198,667	190,607	152,068
	For sale	134,356	123,446	120,721	124,280	117,101	112,350	89,634
	For own use	93,586	85,986	84,088	86,567	81,566	78,257	62,434
33612 11	Sand	17,253	15,659	16,121	16,132	15,213	15,048	13,072
	For sale	16,293	14,686	15,195	15,184	14,290	14,240	12,260
	For own use	960	973	926	948	923	808	812
33612 31	Permanent and semi-permanent mold[1]	32,312	30,442	32,227	32,270	32,160	30,890	20,568
	For sale	32,312	30,442	32,227	32,270	32,160	30,890	20,568
	For own use							
33611 00	Die	164,897	151,808	146,038	151,830	140,958	135,612	111,498
	For sale	104,455	97,503	93,366	98,506	93,450	90,666	74,544
	For own use	60,442	54,305	52,672	53,324	47,508	44,946	36,954
33612 61	All other	13,480	11,523	10,423	10,615	10,336	9,057	6,930
	For sale	13,480	11,523	10,423	10,615	10,336	9,057	6,930
	For own use							
33691 00	Zinc and zinc-base alloy	43,152	43,849	41,104	42,758	45,765	42,322	40,667
	For sale	33,915	34,473	31,993	32,124	34,287	30,275	29,091
	For own use	9,237	9,376	9,111	10,634	11,478	12,047	11,576
33691 51	Die[1]	42,773	43,529	40,784	42,470	45,509	41,920	40,281
	For sale	42,773	43,529	40,784	42,470	45,509	41,920	40,281
	For own use							
33691 61	All other[1]	379	320	320	288	256	402	386
	For sale	379	320	320	288	256	402	386
	For own use							
33692 00	Magnesium and magnesium-base alloy (for sale)	2,306	2,587	3,045	3,328	2,942	2,407	2,934
33692 11	Sand	325	364	428	468	416	339	413
33692 31	Die	669	751	884	966	856	698	851
33692 41	All other	1,312	1,472	1,733	1,894	1,670	1,370	1,670
33693 71	Lead and lead-base alloy die[1]	4,193	3,415	3,903	3,741	4,074	3,655	3,522
	For sale	4,193	3,415	3,903	3,741	4,074	3,655	3,522
	For own use							

[1] Castings for sale and for own use are combined to avoid disclosing figures for individual companies.

M 33 E(86)-8

CURRENT INDUSTRIAL REPORTS

Nonferrous Castings

U.S. Department of Commerce
BUREAU OF THE CENSUS

AUGUST 1986

M33E(86)-8
Issued October 1986

The statistics in this publication are based on a probability sample of producers of nonferrous castings and represent total U.S. shipments of nonferrous castings. Estimates are included for companies whose reports were not received in time for tabulation. A description of the survey methodology and related information may be found in the January 1986 report for this series, M33E(86)-1, issued April 1986.

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Table 1. SUMMARY OF PRODUCERS' SHIPMENTS OF NONFERROUS CASTINGS: 1986 AND 1985

(Thousands of pounds)

Month and year	Total	By type of customer		By metal				
		For sale	For own use	Copper and copper-base alloy	Aluminum and aluminum-base alloy	Zinc and zinc-base alloy	Magnesium and magnesium-base alloy	Lead and lead-base alloy
1986								
August	241,191	148,261	92,930	33,398	161,976	37,111	3,795	4,911
July	234,341	143,635	90,706	35,150	152,068	40,667	2,934	3,522
June	279,591	170,002	109,589	40,600	190,607	42,322	2,407	3,655
May	293,780	181,939	111,841	42,332	198,667	45,765	2,942	4,074
April	302,712	187,210	115,502	42,038	210,847	42,758	3,328	3,741
March	291,969	182,107	109,862	39,108	204,809	41,104	3,045	3,903
February	298,089	185,252	112,837	38,806	209,432	43,849	2,587	3,415
January	315,421	195,562	119,859	37,828	227,942	43,152	2,306	4,193
1985								
Total	3,279,747	2,185,127	1,094,620	470,006	2,228,412	510,844	24,858	45,627
December	267,950	179,333	88,617	33,104	190,821	38,104	2,187	3,734
November	283,888	189,736	94,152	33,993	205,145	39,118	1,989	3,643
October	291,571	194,915	96,656	43,801	193,663	46,917	2,682	4,508
September	256,584	173,191	83,393	37,452	172,642	39,497	2,485	4,508
August	263,875	178,538	85,337	36,506	177,950	42,148	1,989	5,282
July	227,223	159,341	67,882	33,075	152,035	36,523	1,765	3,825
June	272,525	174,343	98,182	40,423	181,568	44,646	2,063	3,825
May	285,828	182,826	103,002	44,285	192,240	44,558	1,694	3,051
April	285,263	182,781	102,482	43,503	191,425	45,081	1,839	3,415
March	289,349	195,561	93,788	41,743	191,516	50,488	2,187	3,415
February	266,621	180,373	86,248	40,679	181,578	39,208	2,014	3,142
January	289,070	194,189	94,881	41,442	197,829	44,556	1,964	3,279

Note: Data for 1985 and 1986 have been revised from previously published data. These revisions are due to the statistics originating from the annual data collected on Bureau of the Census form MA33E, Nonferrous Castings, for 1985, issued in August 1986.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Don Burgess, (301) 763-7492.

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Table 2. SHIPMENTS OF NONFERROUS CASTINGS, BY TYPE OF CASTING

(Thousands of pounds)

Product code	Product description	August 1986	July 1986
33600 00	Nonferrous castings[1]	241,191	234,341
	For sale	148,261	143,635
	For own use	92,930	90,706
33620 00	Copper and copper-base alloy[2]	33,398	35,150
	For sale	17,534	18,454
	For own use	15,864	16,696
33620 26	Sand	22,737	21,919
	For sale	10,815	10,426
	For own use	11,922	11,493
33620 31	Permanent and semi-permanent mold	2,976	3,220
	For sale	2,976	3,220
	For own use	1,640	1,747
33620 42	Die	1,640	1,747
	For sale	1,733	1,847
	For own use	1,733	1,847
33620 50	Centrifugal	4,312	6,417
	For sale	4,312	6,417
	For own use	161,976	152,068
33620 61	All other	95,474	89,634
	For sale	66,502	62,434
	For own use	13,084	13,072
33610 00	Aluminum and aluminum-base alloy[2]	12,308	12,260
	For sale	776	812
	For own use	24,345	20,568
33612 11	Sand	24,345	20,568
	For sale	117,190	111,498
	For own use	78,349	74,544
33612 31	Permanent and semi-permanent mold	38,841	36,954
	For sale	7,357	6,930
	For own use	7,357	6,930
33611 00	Die	37,111	40,667
	For sale	26,547	29,091
	For own use	10,564	11,576
33612 61	All other	36,759	40,281
	For sale	36,759	40,281
	For own use	352	386
33691 00	Zinc and zinc-base alloy[2]	352	386
	For sale	3,795	2,934
	For own use	534	413
33691 51	Die	1,101	851
	For sale	2,160	1,670
	For own use	4,911	3,522
33691 61	All other	4,911	3,522
	For sale		
	For own use		
33692 00	Magnesium and magnesium-base alloy[2]		
33692 11	Sand		
33692 31	Die		
33692 41	All other		
33693 71	Lead and lead-base alloy die[2]		
	For sale		
	For own use		

[1] Comparable data for Schedule B export numbers and TSUSA import numbers are not available.
[2] Shipments of castings for sale and own use are combined to avoid disclosing figures for individual companies.

M33E(86)-9

CURRENT INDUSTRIAL REPORTS

Nonferrous Castings

U.S. Department of Commerce
BUREAU OF THE CENSUS

SEPTEMBER 1986

M33E(86)-9
Issued November 1986

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Table 1. SUMMARY OF PRODUCERS' SHIPMENTS OF NONFERROUS CASTINGS: 1986 AND 1985

(Thousands of pounds)

Month and year	Total	By type of customer		By metal				
		For sale	For own use	Copper and copper-base alloy	Aluminum and aluminum-base alloy	Zinc and zinc-base alloy	Magnesium and magnesium-base alloy	Lead and lead-base alloy
1986								
September	271,699	166,369	105,330	43,440	178,152	40,585	4,320	5,202
August	241,191	148,261	92,930	33,398	161,976	37,111	3,795	4,911
July	234,341	143,635	90,706	35,150	152,068	40,667	2,934	3,522
June	279,591	170,002	109,589	40,600	190,607	42,322	2,407	3,655
May	293,780	181,939	111,841	42,332	198,667	45,765	2,942	4,074
April	302,712	187,210	115,502	42,038	210,847	42,758	3,328	3,741
March	291,969	182,107	109,862	39,108	204,809	41,104	3,045	3,903
February	298,089	185,252	112,837	38,806	209,432	43,849	2,587	3,415
January	315,421	195,562	119,859	37,828	227,942	43,152	2,306	4,193
1985								
Total	3,279,747	2,185,127	1,094,620	470,006	2,228,412	510,844	24,858	45,627
December	267,950	179,333	88,617	33,104	190,821	38,104	2,187	3,734
November	283,888	189,736	94,152	33,993	205,145	39,118	1,989	3,643
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September	256,584	173,191	83,393	37,452	172,642	39,497	2,485	4,508
August	263,875	178,538	85,337	36,506	177,950	42,148	1,989	5,282
July	227,223	159,341	67,882	33,075	152,035	36,523	1,765	3,825
June	272,525	174,343	98,182	40,423	181,568	44,646	2,063	3,825
May	285,828	182,826	103,002	44,285	192,240	44,558	1,694	3,051
April	285,263	182,781	102,482	43,503	191,425	45,081	1,839	3,415
March	289,349	195,561	93,788	41,743	191,516	50,488	2,187	3,415
February	266,621	180,373	86,248	40,679	181,578	39,208	2,014	3,142
January	289,070	194,189	94,881	41,442	197,829	44,556	1,964	3,279

Note: Data for 1985 and 1986 have been revised from previously published data. These revisions are due to the statistics originating from the annual data collected on Bureau of the Census form MA33E, Nonferrous Castings, for 1985, issued in August 1986.

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Table 2. SHIPMENTS OF NONFERROUS CASTINGS, BY TYPE OF CASTING

(Thousands of pounds)

Product code	Product description	September 1986	August 1986
33600 00	Nonferrous castings[1]	271,699	241,191
	For sale	166,369	148,261
	For own use	105,330	92,930
33620 00	Copper and copper-base alloy[2]	43,440	33,398
	For sale	22,806	17,534
	For own use	20,634	15,864
33620 26	Sand	28,274	22,737
	For sale	13,449	10,815
	For own use	14,825	11,922
33620 31	Permanent and semi-permanent mold	3,802	2,976
	For sale	3,802	2,976
	For own use		
33620 42	Die	2,245	1,640
	For sale	2,245	1,640
	For own use		
33620 50	Centrifugal	2,372	1,733
	For sale	2,372	1,733
	For own use		
33620 61	All other	6,747	4,312
	For sale	6,747	4,312
	For own use		
33610 00	Aluminum and aluminum-base alloy[2]	178,152	161,976
	For sale	105,009	95,474
	For own use	73,143	66,502
33612 11	Sand	12,800	13,084
	For sale	11,942	12,308
	For own use	858	776
33612 31	Permanent and semi-permanent mold	26,793	24,345
	For sale	26,793	24,345
	For own use		
33611 00	Die	129,903	117,190
	For sale	86,848	78,349
	For own use	43,055	38,841
33612 61	All other	8,656	7,357
	For sale	8,656	7,357
	For own use		
33691 00	Zinc and zinc-base alloy[2]	40,585	37,111
	For sale	29,032	26,547
	For own use	11,553	10,564
33691 51	Die	40,200	36,759
	For sale	40,200	36,759
	For own use		
33691 61	All other	385	352
	For sale	385	352
	For own use		
33692 00	Magnesium and magnesium-base alloy[2]	4,320	3,795
33692 11	Sand	608	534
33692 31	Die	1,253	1,101
33692 41	All other	2,459	2,160
33693 71	Lead and lead-base alloy die[2]	5,202	4,911
	For sale	5,202	4,911
	For own use		

[1] Comparable data for Schedule B export numbers and TSUSA import numbers are not available.
[2] Shipments of castings for sale and own use are combined to avoid disclosing figures for individual companies.

M33E(86)-10

CURRENT INDUSTRIAL REPORTS

Nonferrous Castings

OCTOBER 1986

U.S. Department of Commerce
BUREAU OF THE CENSUS

M33E(86)-10
Issued December 1986

The statistics in this publication are based on a probability sample of producers of nonferrous castings and represent total U.S. shipments of nonferrous castings. Estimates are included for companies whose reports were not received in time for tabulation. A description of the survey methodology and related information may be found in the January 1986 report for this series, M33E(86)-1, issued April 1986.

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Table 1. SUMMARY OF PRODUCERS' SHIPMENTS OF NONFERROUS CASTINGS: 1986 AND 1985

(Thousands of pounds)

Month and year	Total	By type of customer		By metal				
		For sale	For own use	Copper and copper-base alloy	Aluminum and aluminum-base alloy	Zinc and zinc-base alloy	Magnesium and magnesium-base alloy	Lead and lead-base alloy
1986								
October	299,010	182,799	116,211	47,105	197,942	44,149	4,800	5,014
September	271,699	166,369	105,330	43,440	178,152	40,585	4,320	5,202
August	241,191	148,261	92,930	33,398	161,976	37,111	3,795	4,911
July	234,341	143,635	90,706	35,150	152,068	40,667	2,934	3,522
June	279,591	170,002	109,589	40,600	190,607	42,322	2,407	3,655
May	293,780	181,939	111,841	42,332	198,667	45,765	2,942	4,074
April	302,712	187,210	115,502	42,038	210,847	42,758	3,328	3,741
March	291,969	182,107	109,862	39,108	204,809	41,104	3,045	3,903
February	298,089	185,252	112,837	38,806	209,432	43,849	2,587	3,415
January	315,421	195,562	119,859	37,828	227,942	43,152	2,306	4,193
1985								
Total	3,279,747	2,185,127	1,094,620	470,006	2,228,412	510,844	24,858	45,627
December	267,950	179,333	88,617	33,104	190,821	38,104	2,187	3,734
November	283,888	189,736	94,152	33,993	205,145	39,118	1,989	3,643
October	291,571	194,915	96,656	43,801	193,663	46,917	2,682	4,508
September	256,584	173,191	83,393	37,452	172,642	39,497	2,485	4,508
August	263,875	178,538	85,337	36,506	177,950	42,148	1,989	5,282
July	227,223	159,341	67,882	33,075	152,035	36,523	1,765	3,825
June	272,525	174,343	98,182	40,423	181,568	44,646	2,063	3,825
May	285,828	182,826	103,002	44,285	192,240	44,558	1,694	3,051
April	285,263	182,781	102,482	43,503	191,425	45,081	1,839	3,415
March	289,349	195,561	93,788	41,743	191,516	50,488	2,187	3,415
February	266,621	180,373	86,248	40,679	181,578	39,208	2,014	3,142
January	289,070	194,189	94,881	41,442	197,829	44,556	1,964	3,279

Note: Data for 1985 and 1986 have been revised from previously published data. These revisions are due to the statistics originating from the annual data collected on Bureau of the Census form MA33E, Nonferrous Castings, for 1985, issued in August 1986.

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Table 2. SHIPMENTS OF NONFERROUS CASTINGS, BY TYPE OF CASTING

(Thousands of pounds)

Product code	Product description	October 1986	September 1986
33600 00	Nonferrous castings[1]	299,010	271,699
	For sale	182,799	166,369
	For own use	116,211	105,330
33620 00	Copper and copper-base alloy[2]	47,105	43,440
	For sale	24,730	22,806
	For own use	22,375	20,634
33620 26	Sand	30,874	28,274
	For sale	14,686	13,449
	For own use	16,188	14,825
33620 31	Permanent and semi-permanent mold	4,273	3,802
	For sale	4,273	3,802
	For own use		
33620 42	Die	1,834	2,245
	For sale	1,834	2,245
	For own use		
33620 50	Centrifugal	1,937	2,372
	For sale	1,937	2,372
	For own use		
33620 61	All other	8,187	6,747
	For sale	8,187	6,747
	For own use		
33610 00	Aluminum and aluminum-base alloy[2]	197,942	178,152
	For sale	116,674	105,009
	For own use	81,268	73,143
33612 11	Sand	14,295	12,800
	For sale	13,473	11,942
	For own use	822	858
33612 31	Permanent and semi-permanent mold	30,152	26,793
	For sale	30,152	26,793
	For own use		
33611 00	Die	143,633	129,903
	For sale	96,027	86,848
	For own use	47,606	43,055
33612 61	All other	9,862	8,656
	For sale	9,862	8,656
	For own use		
33691 00	Zinc and zinc-base alloy[2]	44,149	40,585
	For sale	31,581	29,032
	For own use	12,568	11,553
33691 51	Die	43,730	40,200
	For sale	43,730	40,200
	For own use		
33691 61	All other	419	385
	For sale	419	385
	For own use		
33692 00	Magnesium and magnesium-base alloy[2]	4,800	4,320
33692 11	Sand	676	608
33692 31	Die	1,392	1,253
33692 41	All other	2,732	2,459
33693 71	Lead and lead-base alloy die[2]	5,014	5,202
	For sale	5,014	5,202
	For own use		

[1] Comparable data for Schedule B export numbers and TSUSA import numbers are not available.
[2] Shipments of castings for sale and own use are combined to avoid disclosing figures for individual companies.

M33-E(86)-11

CURRENT INDUSTRIAL REPORTS

Nonferrous Castings

NOVEMBER 1986

U.S. Department of Commerce
BUREAU OF THE CENSUS

M33E(86)-11
Issued January 1987

The statistics in this publication are based on a probability sample of producers of nonferrous castings and represent total U.S. shipments of nonferrous castings. Estimates are included for companies whose reports were not received in time for tabulation. A description of the survey methodology and related information may be found in the January 1986 report for this series, M33E(86)-1, issued April 1986.

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Table 1. SUMMARY OF PRODUCERS' SHIPMENTS OF NONFERROUS CASTINGS: 1986 AND 1985

(Thousands of pounds)

Month and year	Total	By type of customer		By metal				
		For sale	For own use	Copper and copper-base alloy	Aluminum and aluminum-base alloy	Zinc and zinc-base alloy	Magnesium and magnesium-base alloy	Lead and lead-base alloy
1986								
November	265,470	162,167	103,303	40,268	178,177	38,720	3,805	4,500
October	299,010	182,799	116,211	47,105	197,942	44,149	4,800	5,014
September	271,699	166,369	105,330	43,440	178,152	40,585	4,320	5,202
August	241,191	148,261	92,930	33,398	161,976	37,111	3,795	4,911
July	234,341	143,635	90,706	35,150	152,068	40,667	2,934	3,522
June	279,591	170,002	109,589	40,600	190,607	42,322	2,407	3,655
May	293,780	181,939	111,841	42,332	198,667	45,765	2,942	4,074
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January	315,421	195,562	119,859	37,828	227,942	43,152	2,306	4,193
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Total	3,279,747	2,185,127	1,094,620	470,006	2,228,412	510,844	24,858	45,627
December	267,950	179,333	88,617	33,104	190,821	38,104	2,187	3,734
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January	289,070	194,189	94,881	41,442	197,829	44,556	1,964	3,279

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Table 2. SHIPMENTS OF NONFERROUS CASTINGS, BY TYPE OF CASTING

(Thousands of pounds)

Product code	Product description	November 1986	October 1986
33600 00	Nonferrous castings[1]	265,470	299,010
	For sale	162,167	182,799
	For own use	103,303	116,211
33620 00	Copper and copper-base alloy[2]	40,268	47,105
	For sale	21,141	24,730
	For own use	19,127	22,375
33620 26	Sand	25,575	30,874
	For sale	12,165	14,686
	For own use	13,410	16,188
33620 31	Permanent and semi-permanent mold	3,768	4,273
	For sale	3,768	4,273
	For own use		
33620 42	Die	1,475	1,834
	For sale	1,475	1,834
	For own use		
33620 50	Centrifugal	1,557	1,937
	For sale	1,557	1,937
	For own use		
33620 61	All other	7,893	8,187
	For sale	7,893	8,187
	For own use		
33610 00	Aluminum and aluminum-base alloy[2]	178,177	197,942
	For sale	105,024	116,674
	For own use	73,153	81,268
33612 11	Sand	11,910	14,295
	For sale	11,308	13,473
	For own use	602	822
33612 31	Permanent and semi-permanent mold	26,482	30,152
	For sale	26,482	30,152
	For own use		
33611 00	Die	131,666	143,633
	For sale	88,026	96,027
	For own use	43,640	47,606
33612 61	All other	8,119	9,862
	For sale	8,119	9,862
	For own use		
33691 00	Zinc and zinc-base alloy[2]	38,720	44,149
	For sale	27,697	31,581
	For own use	11,023	12,568
33691 51	Die	38,353	43,730
	For sale	38,353	43,730
	For own use		
33691 61	All other	367	419
	For sale	367	419
	For own use		
33692 00	Magnesium and magnesium-base alloy[2]	3,805	4,800
33692 11	Sand	538	676
33692 31	Die	1,103	1,392
33692 41	All other	2,166	2,732
33693 71	Lead and lead-base alloy die[2]	4,500	5,014
	For sale	4,500	5,014
	For own use		

[1] Comparable data for Schedule B export numbers and TSUSA import numbers are not available.
[2] Shipments of castings for sale and own use are combined to avoid disclosing figures for individual companies.

M 33E(86)-12

CURRENT INDUSTRIAL REPORTS

Nonferrous Castings

U.S. Department of Commerce
BUREAU OF THE CENSUS

DECEMBER 1986

M33E(86)-12
Issued February 1987

The statistics in this publication are based on a probability sample of producers of nonferrous castings and represent total U.S. shipments of nonferrous castings. Estimates are included for companies whose reports were not received in time for tabulation. A description of the survey methodology and related may be found in the January 1986 report for this series, M33E(86)-1, issued April 1986.

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Table 1. SUMMARY OF PRODUCERS' SHIPMENTS OF NONFERROUS CASTINGS: 1986 AND 1985

(Thousands of pounds)

Month and year	By type of customer				By metal			
	Total	For sale	For own use	Copper and copper-base alloy	Aluminum and aluminum-base alloy	Zinc and zinc-base alloy	Magnesium and magnesium-base alloy	Lead and lead-base alloy
1986								
Total	3,340,403	2,056,678	1,283,725	477,403	2,275,623	496,289	39,621	51,467
December	247,130	151,375	95,755	37,330	165,004	36,107	3,352	5,337
November	265,470	• 162,167	103,303	40,268	178,177	38,720	3,805	4,500
October	299,010	182,799	116,211	47,105	197,942	44,149	4,800	5,014
September	271,699	166,369	105,330	43,440	178,152	40,585	4,320	5,202
August	241,191	148,261	92,930	33,398	161,976	37,111	3,795	4,911
July	234,341	143,635	90,706	35,150	152,068	40,667	2,934	3,522
June	279,591	170,002	109,589	40,600	190,607	42,322	2,407	3,655
May	293,780	181,939	111,841	42,332	198,667	45,765	2,942	4,074
April	302,712	187,210	115,502	42,038	210,847	42,758	3,328	3,741
March	291,969	182,107	109,862	39,108	204,809	41,104	3,045	3,903
February	298,089	185,252	112,837	38,806	209,432	43,849	2,587	3,415
January	315,421	195,562	119,859	37,828	227,942	43,152	2,306	4,193
1985								
Total	3,279,747	2,185,127	1,094,620	470,006	2,228,412	510,844	24,858	45,627
December	267,950	179,333	88,617	33,104	190,821	38,104	2,187	3,734
November	283,888	189,736	94,152	33,993	205,145	39,118	1,989	3,643
October	291,571	194,915	96,656	43,801	193,663	46,917	2,682	4,508
September	256,584	173,191	83,393	37,452	172,642	39,497	2,485	4,508
August	263,875	178,538	85,337	36,506	177,950	42,148	1,989	5,282
July	227,223	159,341	67,882	33,075	152,035	36,523	1,765	3,825
June	272,525	174,343	98,182	40,423	181,568	44,646	2,063	3,825
May	285,828	182,826	103,002	44,285	192,240	44,558	1,694	3,051
April	285,263	182,781	102,482	43,503	191,425	45,081	1,839	3,415
March	289,349	195,561	93,788	41,743	191,516	50,488	2,187	3,415
February	266,621	180,373	86,248	40,679	181,578	39,208	2,014	3,142
January	289,070	194,189	94,881	41,442	197,829	44,556	1,964	3,279

Note: Data for 1985 and 1986 have been revised from previously published data. These revisions are due to the statistics originating from the annual data collected on Bureau of the Census form MA33E, Nonferrous Castings, for 1985, issued in August 1986.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Don Burgess, (301) 763-7492.

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Table 2. SHIPMENTS OF NONFERROUS CASTINGS, BY TYPE OF CASTING

(Thousands of pounds)

Product code	Product description	December 1986	November 1986
33600 00	Nonferrous castings[1]	247,130	265,470
	For sale	151,375	162,167
	For own use	95,755	103,303
33620 00	Copper and copper-base alloy[2]	37,330	40,268
	For sale	19,599	21,141
	For own use	17,731	19,127
33620 26	Sand	22,889	25,575
	For sale	10,887	12,165
	For own use	12,002	13,410
33620 31	Permanent and semi-permanent mold	3,472	3,768
	For sale	3,472	3,768
	For own use		
33620 42	Die	1,359	1,475
	For sale	1,359	1,475
	For own use		
33620 50	Centrifugal	1,434	1,557
	For sale	1,434	1,557
	For own use		
33620 61	All other	8,176	7,893
	For sale	8,176	7,893
	For own use		
33610 00	Aluminum and aluminum-base alloy[2]	165,004	178,177
	For sale	97,259	105,024
	For own use	67,745	73,153
33612 11	Sand	9,650	11,910
	For sale	9,013	11,308
	For own use	637	602
33612 31	Permanent and semi-permanent mold	22,470	26,482
	For sale	22,470	26,482
	For own use		
33611 00	Die	125,883	131,666
	For sale	84,160	88,026
	For own use	41,723	43,640
33612 61	All other	7,001	8,119
	For sale	7,001	8,119
	For own use		
33691 00	Zinc and zinc-base alloy[2]	36,107	38,720
	For sale	25,828	27,697
	For own use	10,279	11,023
33691 51	Die	35,765	38,353
	For sale	35,765	38,353
	For own use		
33691 61	All other	342	367
	For sale	342	367
	For own use		
33692 00	Magnesium and magnesium-base alloy[2]	3,352	3,805
33692 11	Sand	472	536
33692 31	Die	972	1,103
33692 41	All other	1,908	2,166
33693 71	Lead and lead-base alloy die[2]	5,337	4,500
	For sale	5,337	4,500
	For own use		

[1] Comparable data for Schedule B export numbers and TSUSA import numbers are not available.
[2] Shipments of castings for sale and own use are combined to avoid disclosing figures for individual companies.